## EAST Search History

| Ref<br># | Hits | Search Query                              | DBs   | Default<br>Operator | Plurals    | Time Stamp       |
|----------|------|---|---|---------------------|------------|------------------|
| L1       | 531  | (438/278).CCLS.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | <i>OFF</i> | 2007/03/02 14:45 |
| L2       | 139  | L1 and mask near1 ROM                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON         | 2007/03/02 14:45 |
| L3       | 1    | L1 and second near1 glue                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON         | 2007/03/02 14:45 |
| L4       | 45   | L1 and barrier                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR ·                | ON         | 2007/03/02 14:45 |
| L5       | .0   | L1 and second near1 ti/tin                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON         | 2007/03/02 14:45 |
| L6       | 3    | L1 and titanium/titanium near1<br>nitride | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .                | ON         | 2007/03/02 14:45 |
| L7       | 0    | L1 and second near1 barrier               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON         | 2007/03/02 14:45 |
| L8       | 1    | L1 and adhesive near1 layer               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON         | 2007/03/02 14:45 |

## EAST Search History

| L9  | 1   | L1 and ti/tin  | US-PGPUB;   | OR | ON  | 2007/03/02 14:45 |
|-----|-----|--|---|----|-----|------------------|
| LJ  |     | Er and wan   | US-PGPUB,<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OK | O/V | 2007/03/02 14.43 |
| L10 | 261 | barrier near3 titanium\$2titanium<br>near1 nitride     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/02 14:45 |
| L11 | 142 | L10 and plug with tungsten                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/02 14:45 |
| L12 | . 0 | L1 and adhesive near1 film                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/02 14:45 |
| L13 | 4   | L1 and adhesive  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/02 14:45 |
| L14 | 185 | L10 and plug   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/02 14:45 |
| L15 | 11  | L10 and plug with top with barrier                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/02 14:45 |
| L16 | 58  | tungsten near1 plug with top with<br>barrier           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/03/02 14:45 |
| L17 | 4   | ("5173438"   "6096632"   "6175131"<br>  "6232228").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2007/03/02 14:45 |
| L18 | 412 | mask near1 rom and barrier                             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2007/03/02 14:47 |

## EAST Search History

| L19 | 6  | ("4129936"   "4364167"   "5264724"<br>  "5736420"   "6177350"  <br>"6190926").PN. OR ("6333231").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | ON  | 2007/03/02 14:45 |
|-----|----|---|---|------|-----|------------------|
| L20 | 31 | ("4816126"   "4994162"   "5108570"<br>  "5171412"   "5186718"   "5330628"<br>  "5371042"   "5693564"   "5804251"<br>  "5843837"   "5877086"   "5882399"<br>  "5911113"   "5913146"  <br>"5985759").PN. OR ("6177350").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | ON  | 2007/03/02 14:45 |
| L21 | 29 | ("20010011727" "20020197866" "20<br>030111666" "4502210" "5169803" "<br>5283206" "5512512" "5534463" "55<br>89713" "5641993" "5665659" "5719<br>446" "5723367" "5747360" "578931<br>7" "5830786" "5843843" "5844318" "<br>5846877" "5869902" "5880023" "59<br>13146" "6001727" "6057234" "6171<br>961" "6194315" "6225218" "643682<br>7" "6545359").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR . | ON  | 2007/03/02 14:45 |
| L22 | 2  | "6,046,495".PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2007/03/02 14:45 |
| L23 | 2  | ("20040222859").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/03/02 14:45 |
| L25 | 2  | (glue and plug and etch\$3 and<br>(photoresist or photo\$3resist photo<br>adj mask )).clm.  | US-PGPUB  | OR   | ON  | 2007/03/02 14:50 |
| L26 | 15 | (glue and etch\$3 and (photoresist or photo\$3resist photo adj mask)).clm.  | US-PGPUB  | OR   | ON  | 2007/03/02 14:50 |